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Keynote I

**Hossam Hassanein***School of Computing
Queen's University, Kingston, Canada*

About the Speaker

Dr. Hassanein is a leading authority in the areas of broadband, wireless and mobile networks architecture, protocols, control and performance evaluation. His record spans more than 500 publications in journals, conferences and book chapters, in addition to numerous keynotes and plenary talks in flagship venues. Dr. Hassanein has received several recognition and best papers awards at top international conferences. He is also the founder and director of the Telecommunications Research (TR) Lab at Queen's University School of Computing, with extensive international academic and industrial collaborations. Dr. Hassanein is a senior member of the IEEE, and is the former chair of the IEEE Communication Society Technical Committee on Ad hoc and Sensor Networks (TC AHSN). Dr. Hassanein is an IEEE Communications Society Distinguished Speaker (Distinguished Lecturer 2008-2010).

Keynote II

Nadia Tawbi*Computer Science Department
Laval University, Quebec, Canada*

About the Speaker

Dr. Tawbi received her Ph.D. in Computer Science from Université Pierre et Marie Curie, Paris, France in 1991. She then worked as a researcher and research group leader at Bull research center in Paris, before joining Laval University in 1996 where she currently holds a Full Professor position. Dr. Tawbi is expert in static analysis of Code, formal verification and language-based security. She is interested in the application of security policies, particularly those preventing confidential information from being disclosed to unwanted targets. She worked on several concrete projects, in particular with Defense Research and Development Canada and Panasonic Research Center. Those projects include the design and implementation of a certified ANSI C compiler, Java certified compilation, efficient and secure compilation for Java, combining static and dynamic analysis of code for malicious code detection, and verification of cryptography protocols.